

Mohamad El Zein

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EDUCATION

- Bachelor of Engineering - Mechanical Engineering**, American University of Beirut (AUB) *Sep 16- Jul 20*
- GPA: 84.62/100 (3.59/4.0)
 - Dean's **Honor** list: Spring 2017 (3.74 GPA), Fall 2019 (3.8 GPA) and Spring 2020 (3.75 GPA)
- Business and Financial Modeling Specialization**, Wharton School of the University of Pennsylvania *Apr 20- Jun 20*
- Completed five online courses including but not limited to: Quantitative Modeling, Spreadsheets and Models, Modeling Risk and Realities, Decision Making and Scenarios and Financial Modeling Capstone
- Lebanese Baccalaureate - General Sciences**, College des Peres Antonin, Baabda - Lebanon *Oct 01- Jun 16*
- Graduated with High Distinction – Valedictorian

WORK EXPERIENCE

- Junior Consultant – Full-Time**, Ark Energy, Dubai – United Arab Emirates *Aug 20- Pres*
- Performed techno-commercial benchmarking and conducted financial modeling on different Energy Performance Contract models
 - Analyzed data gathered during post-commissioning and reported back to the client
- Mechanical Engineer – Intern**, EMDC Group Offshore SAL, Beirut – Lebanon *Jun 20- Jul 20*
- Worked on the Mechanical Design including but not limited to HVAC, Water Supply, Drainage and Rainwater systems of the King Abdullah International Garden (KAIG), Saudi Arabia
- Project Engineer – Intern**, Khatib and Alami Beirut – Lebanon *Jul 19- Aug 19*
- Worked on HVAC, Plumbing, Drainage and Fire-Fighting system design
 - Performed pipe and duct sizing for commercial buildings according to heating and cooling load calculations
- Energy Consultant – Intern**, Ministry of Energy, Beirut – Lebanon *Dec 17- Jan18*
- Worked with the Lebanese World Energy Council (WEC) team and met with high-profile clients from the Lebanese energy sector to review tendering proposals
 - Evaluated submittals with LCEC and performed energy simulations
- Student Advisor – Work-Study Program**, AUB Faculty of Engineering and Architecture Dean's Office *Sep 18- Dec 19*
- Collected and analyzed data related to student needs, and accordingly proposed plans to accommodate them

LEADERSHIP AND EXTRACURRICULAR

- Treasurer of the University Student Faculty Committee (USFC)**, American University of Beirut (AUB) *Oct 18- Oct 19*
- Worked on allocating more than 300,000\$ budget, prepared financial reports and review the eligibility of funding proposals
- Sponsorship Team Leader**, AUB Share the Flag *Jan 18- Jun 18*
- Initiated by AUB students and set a Guinness World Records title. Worked on developing and maintaining a marketing plan for the sponsorship team that resulted in exceeding our overall financial target
- Winner** of the AUB Faculty of Engineering and Architecture Bridge competition *Oct 17- Nov 17*
- Won the AUB Faculty of Engineering and Architecture bridge competition in Fall 2017 as part of a 600-students introductory course to Engineering and Architecture

Skills

Technical Skills

MS Office, Tableau, Microsoft Power BI, Matlab, AutoCAD, Creo, SolidWorks, Sketchup, LabVIEW

Trilingual

Fluent in Arabic, English and French